Coverage, width, and overlap of 95% Intervals	R_0				δ				m			
	CNN CPI	Bayes HPI	Mean CPI width / HPI width	Mean Jaccard index	CNN CPI	Bayes HPI	Mean CPI width / HPI width	Mean Jaccard index	CNN CPI	Bayes HPI	Mean CPI width / HPI width	Mean Jaccard index
True model	0.95	0.96	1.4	0.67	0.96	0.94	1.4	0.66	0.94	0.95	1.2	0.75
Misspecified R_0	0.44	0.29	1.5	0.63	0.9	0.90	1.5	0.63	0.74	0.67	1.2	0.76
Misspecified δ	0.95	0.96	1.4	0.67	0.71	0.55	1.3	0.69	0.72	0.75	1.2	0.75
Misspecified m	0.93	0.94	1.5	0.63	0.94	0.96	1.5	0.65	0.73	0.69	1.3	0.73
Misspecified. Number of locations	0.93	0.92	1.4	0.65	0.96	0.96	1.4	0.68	0.82	0.80	1.2	0.76
Phylogenetic error	0.79	0.60	1.4	0.59	0.71	0.81	1.3	0.59	0.87	0.83	1.3	0.71